



HP 250 G3 WiFi Card Replacement

we will show you how to replace the wifi module and how to open the laptop, so you can repair other parts of the laptop too.

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TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iSesamo Opening Tool](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)
- [IC Extractor/Connector Puller](#) (1)
- [stanley knife](#) (1)



PARTS:

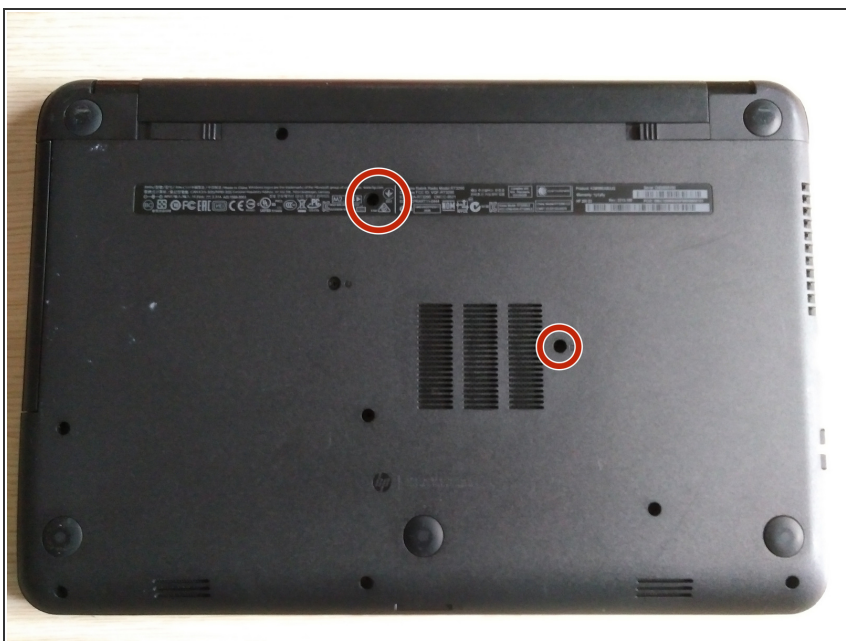
- [wifi module](#) (1)

Step 1 — WiFi Card



- first of all remove the battery

Step 2



- now remove the screw that's holding the keyboard. (2 screws)
- ⓘ keep track of the screws. i use the antistatic project tray from ifixit., Or paste the screws to a paper and draw a map.

Step 3



- now we will remove the DVD player.
- remove the screw thats holding the module.
- use the isesamo to loosen the tray. and just slide it out.

Step 4 — screws of the case 1



- remove the screws holding the plastic case as follows :
- ⚠ there are 2 hidden screws under the rubber cushions. (next to the battery)left and right.
- they are not easy to remove, i used a very sharp stanley knife and than used a spudger to pry.

Step 5 — screws of the case 2



- now remove the other screws

Step 6



- remove the 2 little screws at the DVD entrance.

Step 7 — removing keyboard



- now turn the laptop around.
- open up the laptop : we will remove the keyboard now.
- use a spudger or isesamo to remove the keyboard. you have to slide the isesamo around the upper side of the keyboard as shown in the picture. you will here clicks.

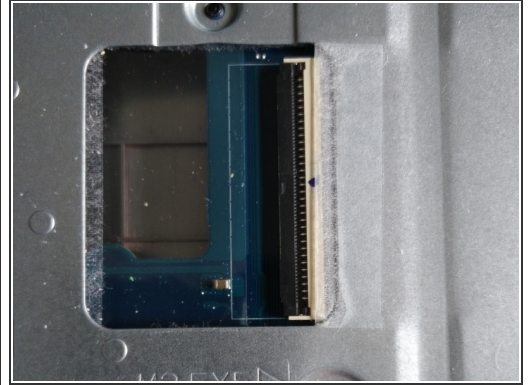
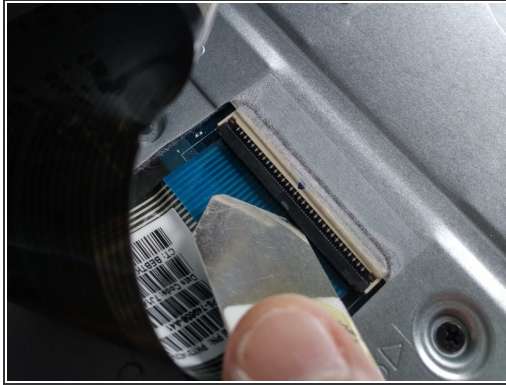
Step 8



- when it becomes loose : you slide (gently) the keyboard tot the left as shown in picture 3

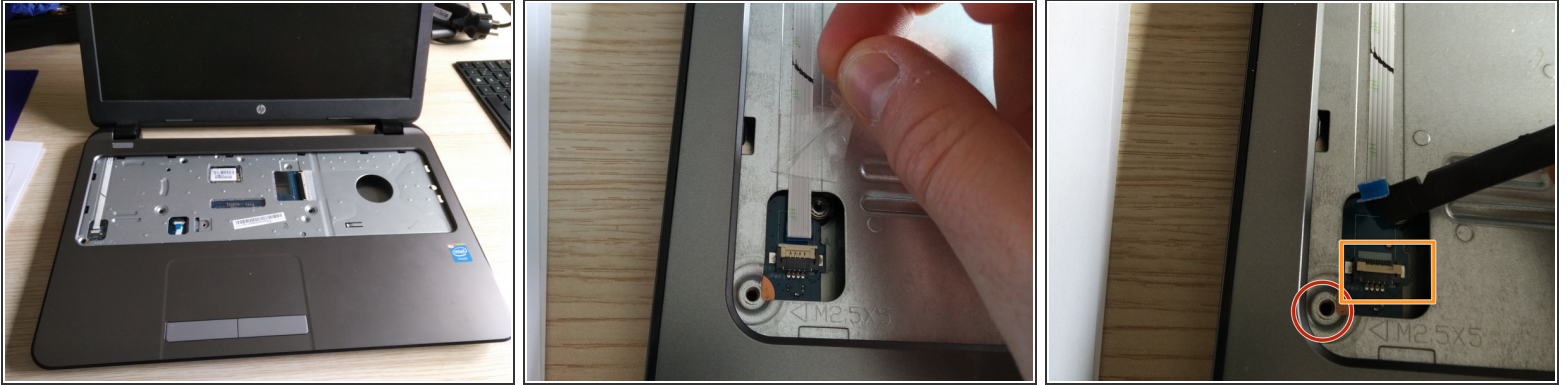
⚠ be gently cause the thin ribbon can tear..

Step 9 — removing keyboard / ribbon cable



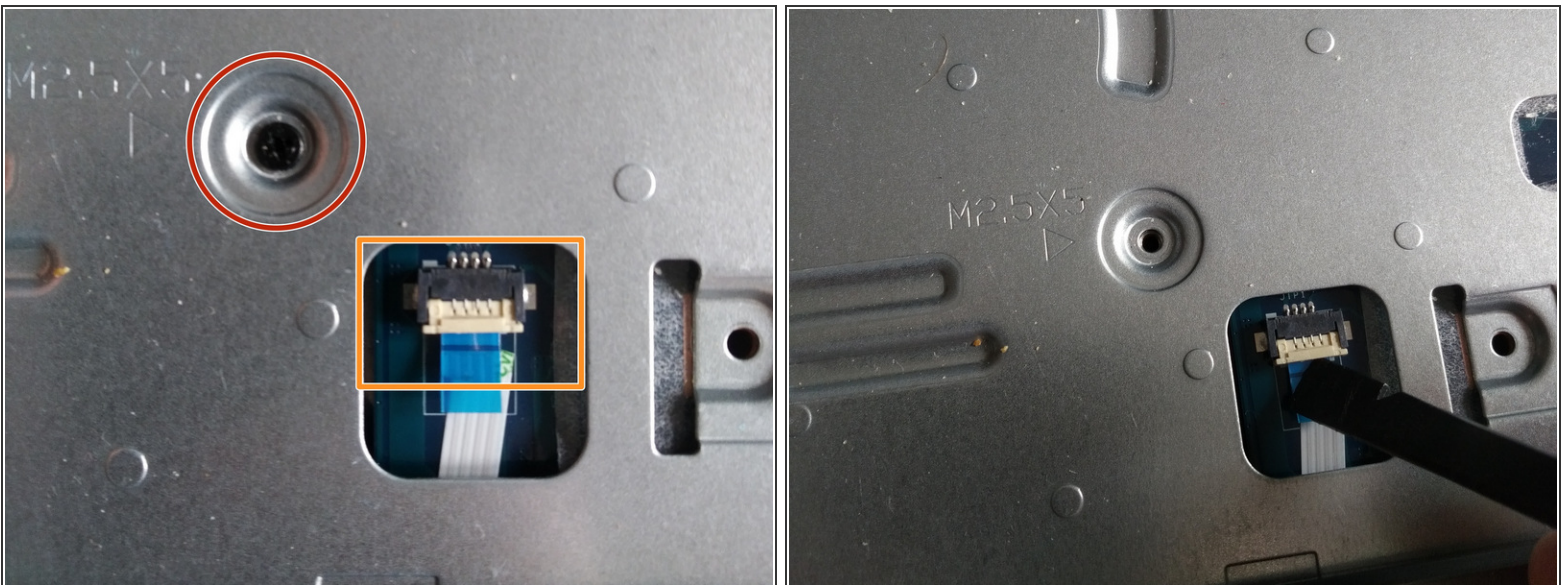
- now gently lift up the keyboard
- now you will see the very thin ribbon cable attached to a connector.
- That connector has a plastic lid. gently open the lid with a spudger and slide the ribbon cable out of the connector.
- be very gently with cable and connector. the lid can come loose , if this happens, it is very hard to put it back in.
- after removing the cable , close the lid again, so it can't jump out.

Step 10 — removing upper plate/case



- now we can remove the final screws and cables.
- remove the screw that is circled red in picture 2
- remove the white ribbon cable from the connector. (first remove the tape over the cable and connector) Same way you removed the keyboard ribbon cable. : open up the lid with spudger and remove (gently the ribbon cable. be carefull cause the ribbon cable is pasted to the plate.
- this ribbon cable is the connector from the ON/OFF switch.

Step 11



- remove screw circled in red and remove ribbon cable from connector.
- the ribbon cable/ connector is the touch pad / mouse connector.

Step 12



- remove screw on the upper side of the laptop.

Step 13



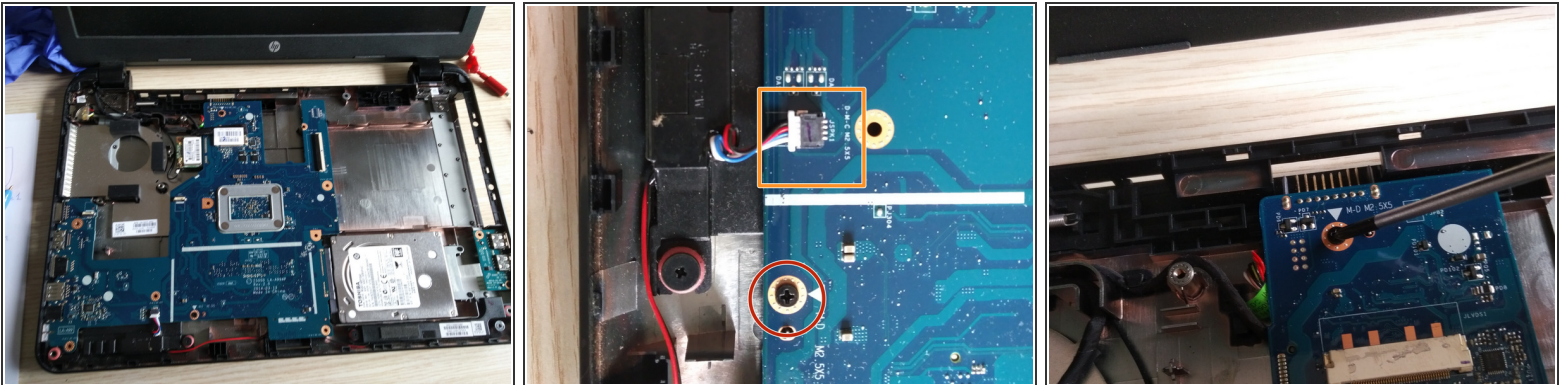
- last screw... unfortunately i don't have a picture of this.. but you will see it yourself on your own laptop :)

Step 14



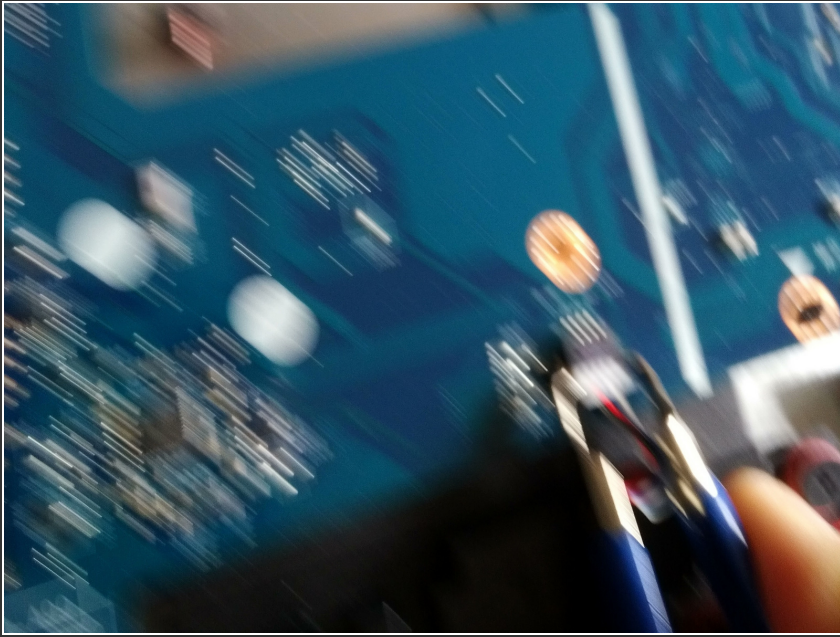
- removing upper plate/case to reveal the motherboard or main PCB.
- slide your isesamo around the case as shown in picture 1 and 2 . go around the entire laptop.
- you will hear clicks , after using your isesamo you can lift up the upper plate.

Step 15 — removing main board



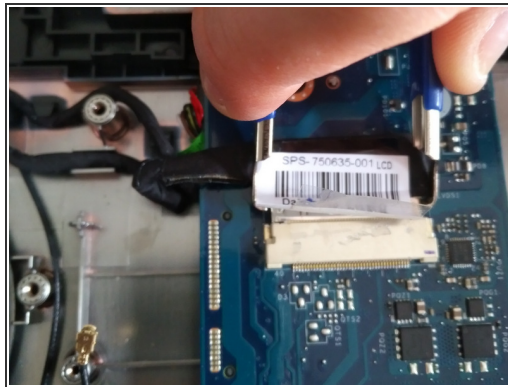
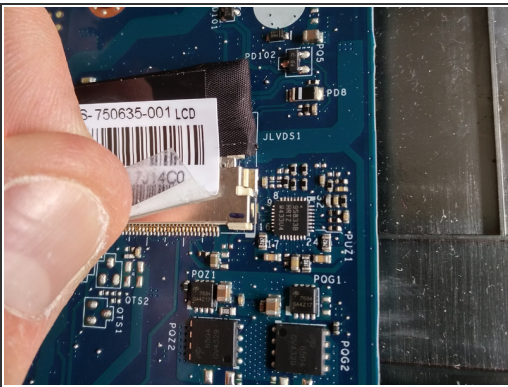
- here you see the motherboard / main PCB.
- remove the 2 screws holding the main board to the plate.
- see picture 2 and 3 for removing screws.

Step 16 — loose screws and cables to remove main board




- i'm sorry for the blurred picture...
- use a IC extractor to remove the audio connector from the socket.

Step 17 — removing LCD cable

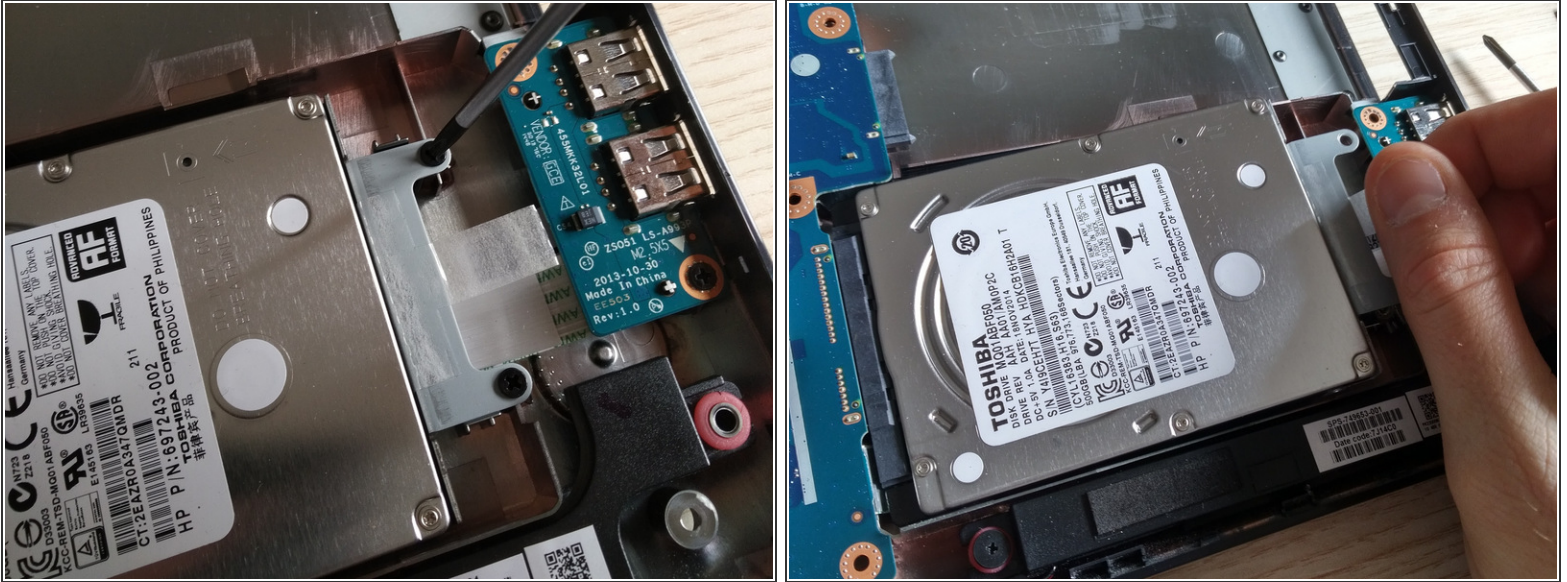


- removing LCD connector
- first remove the tape/ sticker , use a spudger.

 be very gently and careful doing this step, the connector is a hard to remove ribbon cable with a bunch of tiny little small cables. : ripping one of them will damage the ribbon cable and will cause bad or no screen.

- use a IC extractor to do this. If you don't have a IC extractor , you can use 2 small flat head screwdrivers or the points of tweezers to slide the connector out of the socket. but if you can use the IC extractor.

Step 18 — removing HDD



- remove the 2 screws holding the HDD.
- slide out the HDD.

Step 19 — removing usb pcb



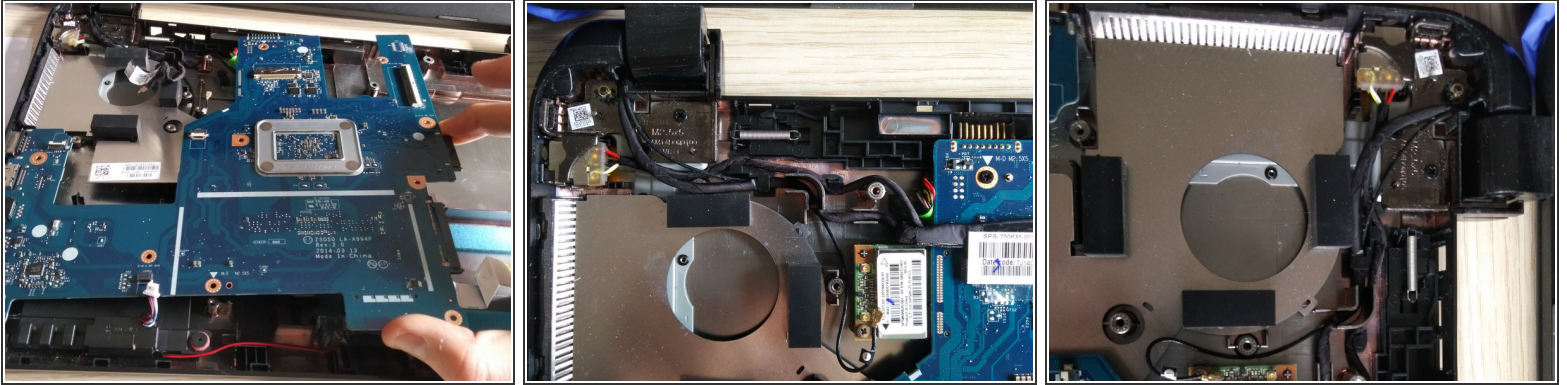
- removing the USB PCB (on the right.)
- be carefull the flat ribbon cable is pasted to the bottom plate and the ribbon cable is soldered to the PCB.
- use a spudger to loose the cable from the bottom plate.

Step 20 — removing the bad Wifi module.



- remove the golden antenna cable from his socket. be very carefull and use a spudger.
 - remove the screw.
 - remove the wifi module. it will jump up when removing the screw. slide it out.
- ⚠ avoid touching the antenna or the antenna sockets with your fingers. wear gloves instead.
- install the new wifi module : just slide it in , push it down and put the screw back in. attach the antenna back in.

Step 21 — removing main PVB



- removing the main board
- in this case i didn't remove the main pcb , cause than i had to remove the DC jack. but it was a very breakable connector and the wires are very thin. when you break one of them you cant charge your laptop any more.
- when the dc jack is damaged or broken in your laptop, you will have to remove the hinge instead. this is holding the DC power jack in place.

To reassemble your device, follow these instructions in reverse order.

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